

List of published papers

Prof. Dr. habil. Mihai POSTOLACHE
Department of Mathematics and Computer Science
National University of Science and Technology POLITEHNICA Bucharest
313 Splaiul Independenței, 060042 Bucharest
E-mail address: mihai.postolache@upb.ro

1°. Habilitation Thesis

1. M. Postolache: Nonlinear Analysis, Vector Optimization and Geometric Methods in Physics, *Habilitation Thesis*, Univ. Politehnica of Bucharest, 2013.

2°. PhD Thesis

1. M. Postolache: Noi cercetări în calculul operațional cu aplicații în mecanică și fizică, *Teza de doctorat*, Univ. "Babeș-Bolyai", Cluj-Napoca, 1992 (Romanian).

3°. Published Monographs

1. M. Postolache: *Analiză matematică (Teorie și aplicații)* (EDIȚIA A CINCEA), Fair Partners, București, 2014.
2. Ariana Pitea and Mihai Postolache: *Basic Concepts of Probability & Statistics* (2ND EDITION), Fair Partners, 2012.
3. G. Bercu, Y. Matsuyama and M. Postolache: *Hessian Metrics and Ricci Solitons*, Fair Partners Ltd., Bucharest, 2011.
4. M. Postolache: *Modelare numerică. Teorie și aplicații*, Ed. Fair Partners, București, 2010.
5. Ariana Pitea, M. Postolache: *Analiză numerică. Modele și tehnici pentru ecuații diferențiale*, Ed. Fair Partners, București, 2010.
6. I. Țevy, M. Postolache: *Integrals Riemann. Teorie și aplicații*, Ed. Fair Partners, București, 2005.
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4[†]. Articole / studii trimise la publicare 2024-2025 (ISI)

1. Yao, Y, Yao, JC, Postolache, M: An approximation sequence for finding solutions of a split problem involving fixed points and variational inclusions. *J. Nonlinear Var. Anal.* (in press).

4*. Articole / studii publicate 2025 (ISI)

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2. Yao, Y, Postolache, M, Yao, JC: An approximation algorithm for solving a split problem of fixed point and variational inclusion. *Optimization* **74**(2025), No. 2, 459-472.
3. Bejenaru, A, Călineață, C, Ciobănescu, C, Postolache, M: Qualitative study of a three-step iteration procedure in W-hyperbolic spaces. *J. Appl. Math. Comput.* **71**(2025), 6095-6118.

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2. Turcanu, T, Postolache, M: On a new approach of enriched operators, *Heliyon* **10**(2024), No. 6, Art. No. e27890.
3. Bejenaru, A, Postolache, M: On a new nonlinear convex structure. *AIMS Mathematics* **9**(2024), No. 1, 2063-2083.
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